

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-9867

Exam Date: 01/30/2024

1. Current Owner:
JOHN A DAHL 1233 HOO DOO MOUNTAIN RD PRIEST RIVER ID 83856-7716
2. Accompanied by: In-office exam.

3. **SOURCE:**
GROUND WATER

Method of Determination: ArcMap and DRG.

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
96-7486	Groundwater	Domestic	License

Comments: licensed right 96-7486 with a 1976 priority date authorizes domestic use from a groundwater well that has a generic POU encompassing two 40-acre tracts which overlaps this right's POU. The applicant's well and water system are separate and not associated with 96-7486. At date of license recommendation, a Notice of Claim has yet to be submitted for existing license 96-7486. If not claimed in the Clark Fork Pend Oreille River Basin Adjudication process, the license will be disallowed following basin wide decree.

2. Other water rights with the same point-of-diversion: NO Overlap

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SW¼ NW¼, Sec. 28, Twp 55N, Rge 04W, B.M. BONNER County

Method of Determination: Aerial photography, Bonner County tax parcel maps, and ArcMap data.

PLACE OF USE: DOMESTIC

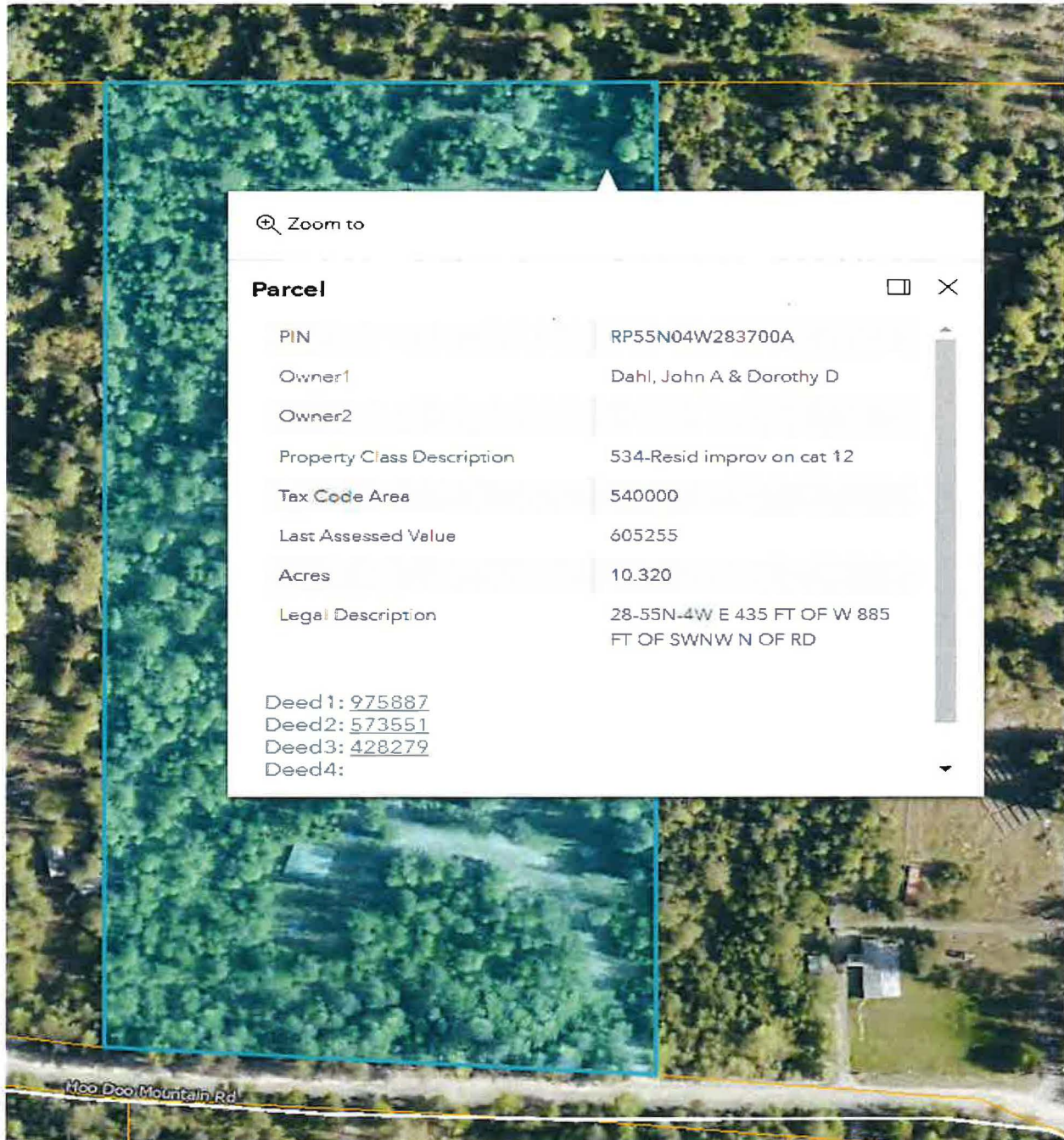
Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
55N	04W	28							X										

Method of Determination: Aerial photography, Bonner County tax parcel maps, and ArcMap data.

3. Delivery System Diagram Attached (required). Indicate all major components and distances between components.
N/A Indicate weir size/pipe as applicable. **IN-OFFICE EXAM**
 Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be
X 1:24,000 or greater.
X Aerial Photo Attached (required for irrigation of 10+ acres).
X Photo of Diversion and System Attached

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LICENSING REVIEW – OWNERSHIP TAX PARCEL INFORMATION



- Current parcel ownership is consistent with the current permit holder.
- Tax parcel data retrieved from <https://cloudgisapps.bonnercountyid.gov/public/> on 1/30/2024 by Luke Bates.

THEORETICAL PUMPING EQUATION(S) FOR WR# 96-9867

Theoretical Pumping Equation is required because system did not allow for a proper measurement. Pump is estimated to lift 195 ft, and running at 45 psi.

PUMP EQUATION

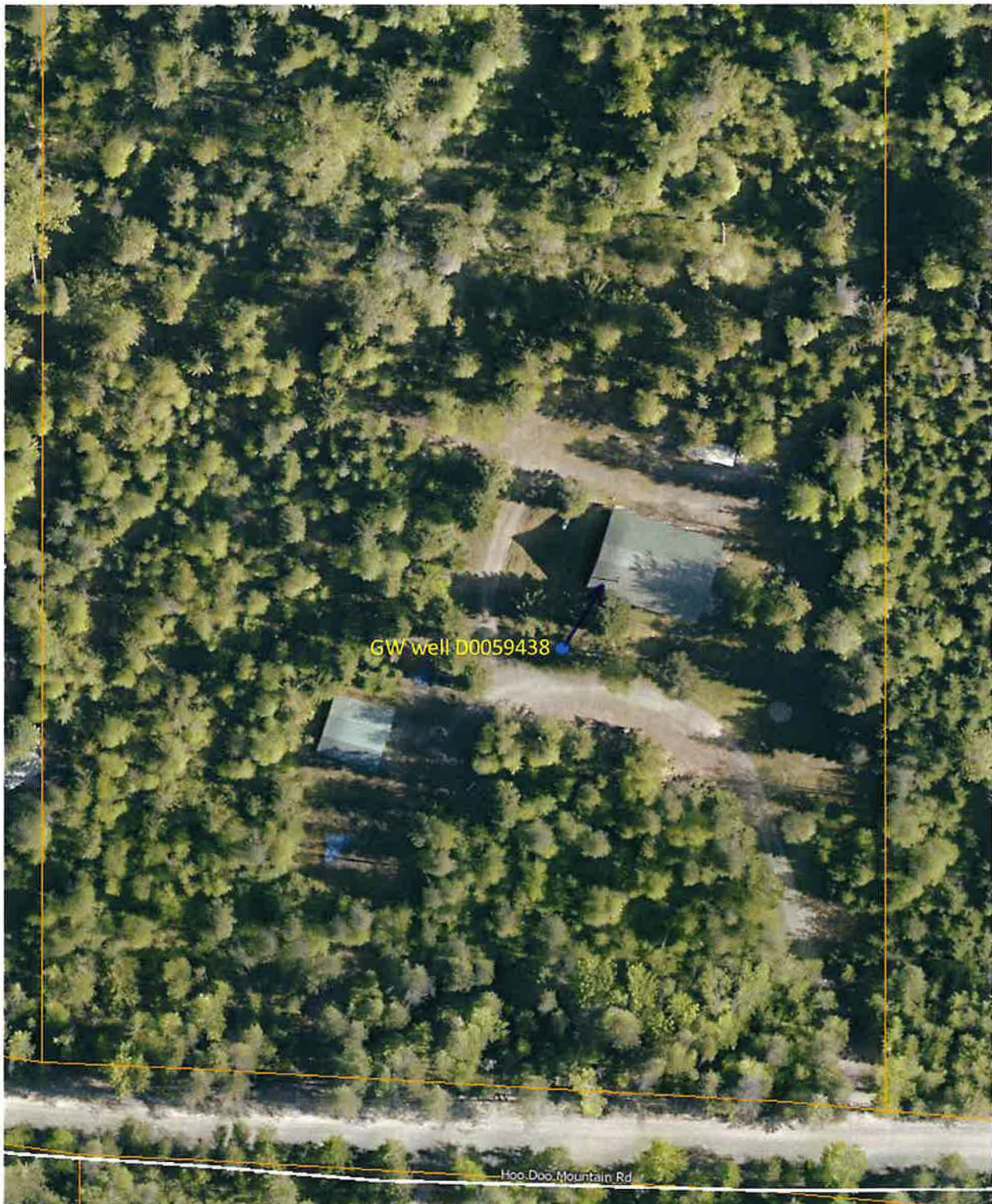
WATER RIGHT No. 96-9867

D0059438	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q = $HP * 8.8 * Eff / H$	0.75	299.0816	0.8	195	45

Q = **0.018 cfs** **7.9 gpm**

96-9867

LICENSING REVIEW



Aerial Imagery retrieved from Bonner County tax parcel website at www.bonnercountyid.gov on 2/5/2024 by Luke Bates – Idaho Department of Water Resources.

Bates, Luke

From: John Dahl <2dahls@gmail.com>
Sent: Thursday, February 1, 2024 3:09 PM
To: Bates, Luke
Subject: Pump relay control panel

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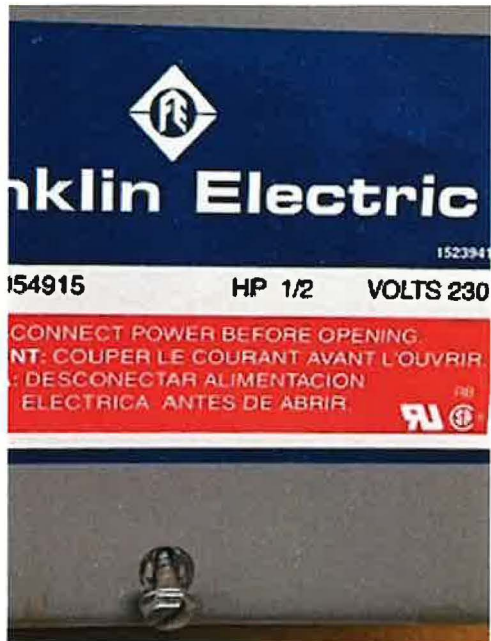


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